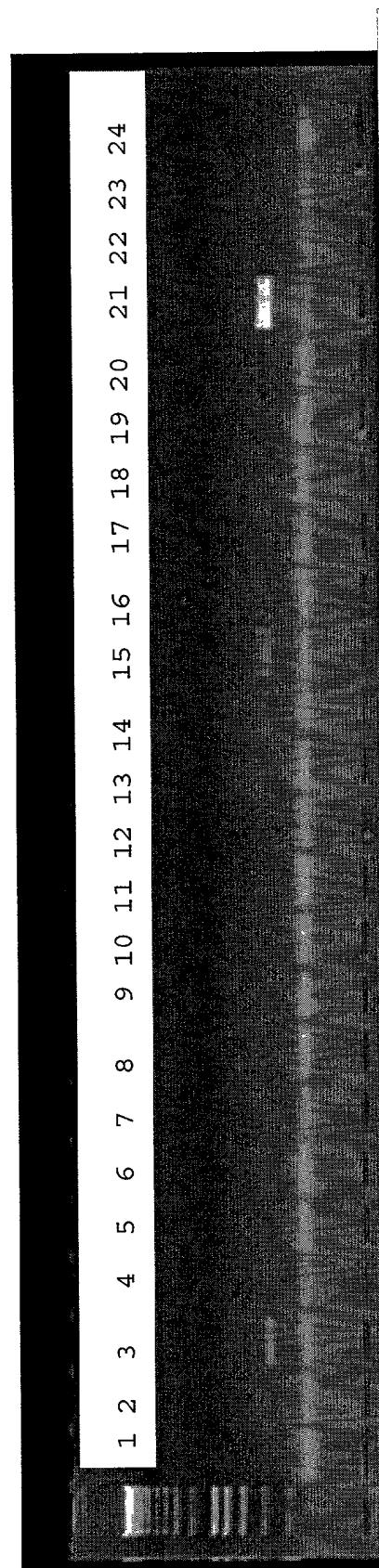


Figure 1



| | | |
|-------|--|-------|
| Mouse | GGGCEVREFLLQFGFFLPLLTAWTGDCSHVSN-QVVLDDTTVMGELGWKTYPLNGWDAI | 59 |
| Human | GGGCEVREFLLQFGFFLPLLTAWPGDCSHVSNQVVLDDTTVLGELGWKTYPLNGWDAI | 60 |
| | ***** | ***** |
| Mouse | TEMDEHNRPIHTYQCNVMEPNQNNWLRTNWI | 119 |
| Human | SRDAAQKIVYEMKFTLRCNSIPWVLGT | 120 |
| | ***** | ***** |
| Mouse | CKETFNLYIESDESHGTFKPSQYIKIDTIAADESFTQMDLGDRILKLNTEIREVGPIE | 179 |
| Human | CKETFNLFYMEDESDESHGIKFKPNQYTKIDTIAADESFTQMDLGDRILKLNTEIREVGPIE | 180 |
| | ***** | ***** |
| Mouse | RKGFYLAQDQDIGACIALVSVRIFYKKCPFTVRSLAMFPDTIPRVDSSLVEVRGSCVKSA | 239 |
| Human | RKGFYLAQDQDIGACIALVSVRIFYKKCPFTVRNLAMFPDTIPRVDSSLVEVRGSCVKSA | 240 |
| | ***** | ***** |
| Mouse | EERDTPKLYCGADGDWLVLGRCICSTGYEEIEGSCHACRPGFYKAFAGNTKCSKCPPHS | 299 |
| Human | EERDTPKLYCGADGDWLVLGRCICSTGYEEIEGSCHACRPGFYKAFAGNTKCSKCPPHS | 300 |
| | ***** | ***** |
| Mouse | STYVEATSVCHCEKGYFRAEKDPPSMACTRPPSAPRNVAFNINETALILEWSPPSDTGGR | 359 |
| Human | LTYMEATSVQCCEKGYFRAEKDPPSMACTRPPSAPRNVVFNINETALILEWSPPSDTGGR | 360 |
| | ***** | ***** |
| Mouse | KDLTYSVICKKGCLDTTQCEDCGGLRFIPRHTGLINNSVVVLDFVSHVNFTFEIEAMNG | 419 |
| Human | KDLTYSVICKKGCLDTSQCEDCGGLRFIPRHTGLINNSVIVLDFVSHVNFTFEIEAMNG | 420 |
| | ***** | ***** |
| Mouse | VSELSISPCKPFTAIVTVDHDAPSILGMMRKDWASQNSLALSQAPAFSNGAILDYETKY | 479 |
| Human | VSELSFSPKPFTAIVTVDQDAPSILGIVVRKDWSQNSIALSQAPAFSNGAILDYEIKY | 480 |
| | ***** | ***** |
| Mouse | YEKEHEQLTYSSTRSKAPSIVTGLKPATTYIFHIRVRTATGYSQSKFEEFETGDETS | 539 |
| Human | YEKEHEQLTYSSTRSKAPSIVTGLKPATKVVHIRVRTATGYSQSKFEEFETGDETS | 540 |
| | ***** | ***** |
| Mouse | MAAEQGQILVIATAAVGGFTLLVILTLFFLITGRCQWYIKAKMKSEEKRRHLQNGHLRF | 599 |
| Human | MAAEQGQILVIATAAVGGFTLLVILTLFFLITGRCQWYIKAKMKSEEKRRNLQNGHLRF | 600 |
| | ***** | ***** |
| Mouse | PGIKTYIDPDTYEDPLSLAVHEFAKEIDPSRIRIERVIGAGEFGEVCSGRLKTPGKREIPV | 659 |
| Human | PGIKTYIDPDTYEDPLSLAVHEFAKEIDPSRIRIERVIGAGEFGEVCSGRLKTPGKREIPV | 660 |
| | ***** | ***** |
| Mouse | AIKTLKGHHMDRQRDFLREASIMGQFDHPNIIRLEGVVTKRSFPAIGVEAFCPSFLRAG | 719 |
| Human | AIKTLKGHHMDRQRDFLREASIMGQFDHPNIIRLEGVVTKRSFPAIGVEAFCPSFLRAG | 720 |
| | ***** | ***** |
| Mouse | FLNGIQAPHVTAGGSLLPPRIPAGRPMIVVVEYMENGSLSFLRKHDGHFTVIQLVGMLR | 779 |
| Human | FLNSIQAPHVPVGGSLLPPRIPAGRPMIVVVEYMENGSLSFLRKHDGHFTVIQLVGMLR | 780 |
| | ***** | ***** |
| Mouse | GIASGMKYLSDMGYVHRDLAARNILVNSNLVCKVSDFLSRVLEDDPEAAYTTGGKIP | 839 |
| Human | GIASGMKYLSDMGYVHRDLAARNILVNSNLVCKVSDFLSRVLEDDPEAAYTTGGKIP | 840 |
| | ***** | ***** |
| Mouse | RWTAPEAIAYRKFSSASDAWSYIGIVMWEVMSYGERPYWEMSNDVILSIEEGYRLPAPMG | 899 |
| Human | RWTAPEAIAYRKFSSASDAWSYIGIVMWEVMSYGERPYWEMSNDVILSIEEGYRLPAPMG | 900 |
| | ***** | ***** |
| Mouse | CPPSLQQLMLHWCWQKERNHRPKFTDIVSFLDKLIRNPSRALHTLVEDILVMPESPGDVPEY | 959 |
| Human | CPASLHQLMLHWCWQKERNHRPKFTDIVSFLDKLIRNPSRALHTLVEDILVMPESPGEVPEY | 960 |
| | ***** | ***** |
| Mouse | PLFVTGWDWLDSIKMGQYKSNFMAAGFTTFDLISRMSIDDIRRIGVILIGHORRIVSSIQ | 1019 |
| Human | PLFVTGWDWLDSIKMGQYKNNFVAAGFTTFDLISRMSIDDIRRIGVILIGHORRIVSSIQ | 1020 |
| | ***** | ***** |
| Mouse | TLRLHMMHIQEKGFHV 1035 | |
| Human | TLRLHMMHIQEKGFHV 1036 | |
| | ***** | |

FIGURE 2

Figure 3

Human: 3 aggaccccatcctaccagaacacactgcctgcgtccggacttctttaaggaga 62
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 205 aggacccacgctacttaggaacacactggctgcgtccactttaagg---a 261

Human: 63 ggaaaagagagcctaggagaaccatgggggctgcgaagtccggaaatttctttgcaat 122
||| ||||| ||| ||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 262 ggagaagagaaccaaccagagccatgggggctgcgaagtccggaaatttctttgcaat 321

Human: 123 ttggtttcttgcctctgtacagcgtggccaggcgactgcagtcacgtctccaaca 182
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 322 ttggtttcttgcctgtacgcgttggaccggcgactgcagtcacgtctccaac- 380

Human: 183 accaagtgtgtgcttgcataacaactgtactggagagctaggatggaaaacatatac 242
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 381 --caagttgtgtgcttgcataaccacagtgtatggagaacttaggatggaaaacatatac 438

Human: 243 cattaaatgggtggatgccatcactgaaatggatgaacataataggcccattcacat 302
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 439 cattaaatgggtggatgccattactgaaatggatgaacacaataggccatacacat 498

Human: 303 accaggtatgtaatgtatggaaaccaacaaaacaactggcttcgtacaaactggatct 362
||||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 499 accaggtatgtcatggaaaccaaccagaacaactggcttcgtactaactggatct 558

Human: 363 cccgtatgcagtcagaaaatttatgtggaaatgaaattcacactaagggattgtaaca 422
||||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 559 ctcgtatgtgcacagaaaatttatgtggaaatgaaatttcacactgaggattgtaaca 618

Human: 423 gcatccatgggtcttgggacttgcacaaaacatataatctgtttatatggatcg 482
||||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 619 gcatccatgggtcttgggacttgcacaaaacatataatctgttattatagaatccg 678

Human: 483 atgagtcccacgaaattcaagccaaaccagtatacaaagatcgacacaattgctg 542
||||||| ||| ||| ||||| ||||| ||||| ||||| |||||
Mouse: 679 atgaatccatggacaaaattcaagccaaatataaaagatcgacacaattgctg 738

Human: 543 ctgatgagagtttacccagatggattgggtgatcgcatcctcaaactcaacactgaaa 602
||||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 739 ctgatgagagtttactcagatggattgggtgaccgcacccattaaactcaacactgaaa 798

Human: 603 ttcgtgaggtggggctatagaaaggaaaggatttatctggctttcaagacattgggg 662
||||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 799 tccgtgaggtggggctatagaaaggaaaggatttatctggctttcaagatattggag 858

Human: 663 cgtcattgcctgggttcagtcgtttctacaagaaaatgccttcactgttcgta 722
||||||| ||| ||||| ||||| ||||| ||||| |||||
Mouse: 859 catgcattgcctgggttcagtcgtttctacaaaaaatgccttcaccgtcgga 918

Human: 723 acttggccatgttccgtataccatccaagggttgcattccctctttgggtgaagtac 782
||||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 919 gcttggtatgttccgtataccatccaagggttgcattccctctttgggtgaagtgc 978

Human: 783 ggggttctgtgtaaagagtgtgaagagcgtgacactcctaaactgtattgtggagctg 842
||||||| ||| ||||| ||||| ||||| ||||| |||||
Mouse: 979 ggggctcatgtgtaaagagtgtgaggagcgtgacactcctaaactgtggagctg 1038

Human: 843 atggagattggctggttcccttggaaagggtgcacatctgcagtcacaggatatgaagaaattg 902
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1039 atggggattggctgttcccttggaaagggttatctgcagtcacaggatgtgaagaaatcg 1098

Human: 903 agggttcttgcctatgcattgcagaccaggattctataaagctttgtggaaacacaaaat 962
||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1099 agggttcttgcctatgcattgcagaccaggattctacaaagcatttgcggaaacacaaaat 1158

Human: 963 gttctaaatgtcctccacacagttaaacatacatggaaagcaacttgcattgtcattgt 1022
||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1159 gttccaaatgcctccacacagtcacactacgtggaaagcaacgtcattgtcattgt 1218

Human: 1023 aaaagggttattcccgagctgaaaaagaccacccatggatggcatgtaccaggccaccc 1082
||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1219 aaaagggttacttccggcagaaaaagaccacccatggatggcatgtaccaccc 1278

Human: 1083 cagtccttaggaatgtggtttaacatcaatgaaacagcccttatttggatggcc 1142
||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1279 cagtccttagaaatgtggctttaaacatcaatgaaacagcccttatttggatggcc 1338

Human: 1143 caccaagtgacacaggaggagaaaagatctcacatcacatgttaatctgt 1202
||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1339 cacccagtgacacaggaggagaaaagatctcacatcacatgttaatctgt 1398

Human: 1203 gcttagacaccaggccagggtgaggactgtggggactccgcttcatccaaagacata 1262
||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1399 gtttagacactaccaggactgtgaggactgtggggactccgcttcatccaaagacata 1458

Human: 1263 caggcctgatcaacaattccgtatgtactttgtctcacgtgaattacac 1322
||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1459 ctggactgatcaacaattctgtgttagactggactttgtctcacgtcaattatac 1518

Human: 1323 ttgaaatagaagcaatggagttctgagttgagttttctccaaagccattcac 1382
||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1519 ttgaaatagaagccatgaatggagttctgagttgagcatctctccaaagccattcac 1578

Human: 1383 ctattacagtgaccacggatcaagatgcacccatccctgtatagggtggtaaggaaaggact 1442
||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1579 ctattacagtgactacagatcacgtcacccatctgtgtatgtatgagaaaggact 1638

Human: 1443 gggcatccaaaatagattggcttatcatggcaagcacctgttttccaaatggagcc 1502
||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1639 gggcatctcagaacacgcctgtctatcggtggcaagcacctgtttccaaatggagcc 1698

Human: 1503 ttctggactacgagatacaagtactatgagaaagaacatgagcagcagtcacactttcca 1562
||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1699 ttctggactatgagaccaagtaactacgagaaagacatgagcagcagtcacactttcca 1758

Human: 1563 caaggtccaaaggccccagggtcatcatcacaggcttaagccagccaccaaatatgtat 1622
||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1759 cgaggtccaaaggccccagggtcatcgtcacggccctcaagccggccacacgtacat 1818

Human: 1623 ttcacatccgagtgagaactgcgcacaggatacagtggctacagtcaaaaatttgaattt 1682
||||| ||||| ||||| ||||| ||||| |||||
Mouse: 1819 ttcacatccgagtgaggacggcgcacaggctacagtggctacagtcaagtttgaattt 1878

Human: 1683 aaacaggagatgaaacttctgacatggcagcagaacaaggacagatctcgatagcc 1742
||||| ||||| ||||| ||||| |||||
Mouse: 1879 aaacaggagatgaaacttctgacatggcggcagaacaaggcagattctggatagcc 1938

Human: 1743 ccgcccgttggcgattcaactctccgtcatccctcaacttattcttcttgcactg 1802
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 1939 ctgcagccgtcggggattcaactctttagtcatccctaccctgttccctcatcactg 1998

Human: 1803 ggagatgtcagtggatcataaaagccaagatgaagtcaagaagagaagagaaccact 1862
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 1999 ggaggtgtcaatggatcataaaggccaaatgaagtcaagaagagaagagaactca 2058

Human: 1863 tacagaatgggcatttgcgttcccggaattaaacttacattgtatccagatacatatg 1922
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2059 tacagaacggccacctgcgttcccggaattaaacatacattgtatccagacacatcg 2118

Human: 1923 aagaccatccctagcagtccatgaatttgc当地aaaggagattgtatccctcaagaattcgta 1982
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2119 aagaccatccctagcagtccacgaatttgc当地aaaggagattgtatccctcaagaattcgca 2178

Human: 1983 ttgagagagtattggcagggtgaatttggagaagtctgtatggcgttgaagacac 2042
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2179 ttgagagagtattggcagggtgaatttggagaagtctgtatggcgttgaagacac 2238

Human: 2043 cagggaaaagagagatccagttgc当地aaacttgc当地aaagggtggccatggatcg 2102
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2239 cagggaaaagggagatccagttgc当地aaacatgc当地aaagggtggccatggaccgac 2298

Human: 2103 aaagaagagatttctaagagaagctagtagtatcatggccagttgaccatccaaatca 2162
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2299 aaagaagagatttctaagagaagctagcatcatggc当地aaatccaaatca 2358

Human: 2163 ttgc当地tagaagggttgc当地aaagatccctcccgccattgggtggaggcgttt 2222
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2359 ttgc当地tagaagggttgc当地aaagatccctcccgccattgggtggaggcgttt 2418

Human: 2223 gccccagttctgaggcagggttttaatagcatccaggcccccatccagtgccag 2282
||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2419 gccccagttcttaaggcgtgggttttaatggcatccaaagcaccacatccagtgactg 2478

Human: 2283 ggggaggatttgccccccaggattctgtggcagaccagaatgtgtgtggaaat 2342
||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2479 caggaggctctgccccccaggattctgcaggcggccagtaatgtcgtagtagatg 2538

Human: 2343 atatggagaatggatccctagactccctttgc当地aaaggcatgtatggccacttcacagtca 2402
||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2539 atatggagaatggatcaactggactccctttgc当地aaaggcatgtatggccacttcacagtca 2598

Human: 2403 tccagttgtcggaatgtcccgaggcattgtcatcaggcatgaagtatcttctgatatgg 2462
||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2599 tccagttgtcgcatgtcgaggcattgtcatcaggcatgaagtatcttctgatatgg 2658

Human: 2463 gttatgttcatcgagacctagcggtcgatccatgttgc当地aaatactggcaatgc当地aaacttagatgca 2522
||| ||| ||| ||| ||| ||| |||
Mouse: 2659 gatatgttcatcgagatcttgc当地cgaggacataactggcaacacatgc当地aaacttagatgca 2718

Human: 2523 aagtttctgatggatctcccgagggtctgtggaaatgtatccaggatgtgttatacaa 2582
||| ||| ||| ||| ||| ||| |||
Mouse: 2719 aggtctctgatggatctcccgagggtctgtggaaatgtatccaggatgtgttatacaa 2778

Human: 2583 caactgggtggaaaaatccccataagggtggacagccccagaagccatcgctacagaaaa 2642
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 2779 caacqggqaggaaaaatccctatacggtggacagccccagaagctattgttacagaaaagt 2838

Human: 2643 tctcctcagcaagcgatgcatggagctatggcattgtcatgtggaggtcatgtccatg 2702
||||||||||||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 2839 tctcctcagccagtgcgcgtggagctacgggattgtcatgtggaggtatgtccatg 2898

Human: 2703 gagagagaccttattggaaatgtctaaccaggatgtcattgtccattgaagaagggt 2762
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 2899 gagagagacccgtactggaaatgtccaaaccaggatgttattctgtccattgaagaagggt 2958

Human: 2823 ggcagaaggagagaaaatcacagacccaaaatttactgacattgtcagcttccttgacaaac 2882
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 3019 ggcagaaggagagaaaaccacaggccaaaatttactgacatcgtcagcttccttgacaaac 3078

Human: 2883 tgatccgaaatcccagtgcccttcacaccctggaggacatcctgtatgccaggt 2942
||||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Mouse: 3079 tgatccgaaaccccaagtgcccttcacacgctgtggaggacatcctgtatgccagaat 3138

Human: 2943 cccctggtaagttccggaatatccttgcacagttggactggctagattcta 3002
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 3139 cccctgtgtatgttgcataatccatgtttgcacagttggactggctagattcta 3198

Human: 3003 taaagatgggcaatacagaataactcgatggcagcgggttacaacattgacactga 3062
||||||| ||||||| ||||||| ||||||| ||||| ||||| ||||| |||||
Mouse: 3199 taaagatgggcaatacagaataactcgatggcagcgggttacaacattgatctga 3258

Human: 3063 tttcaagaatgagcattgtatgacattagaagaattggagtcatacttattggacaccaga 3122
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 3259 tttcaagaatgagcattgtatgacattaggccaaattggagtcatcttattggacatcaga 3318

Human: 3123 gacgaatagtccggcatacagactttacgtttacatgtacatcacatcaggagaagg 3182
|||||||||||||||||||||||||||||||||||||||||||||||||||
Mouse: 3319 gacgaatagtccggcataaaaactttacgtttacatgtacatcacatcaggaaaaag 3378

Human: 3303 gtctttgttcagactataggcacacacccatgtttatgcttccaaaccaggatttaaa 3362
||||| ||||| ||||| | ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 3499 gtctctgttccactatggctcacacacccatgtttatgcttccaccctgtatattcaat 3558

Human: 3363 atcatgtctacataaattccgttctgaaaaactgcaactaaaaccctggcccactgcaqat 3422

Human: 3423 tattactacgcaatggtaataactcaggcatgtgtatatttgtataaagccgtatata 3482

Mouse: 3619 catca~~tgc~~agaacgataaaactc~~atg~~catgaatgtgtacttttgta-cagaaaatcgttt 3619

Human: 3483 gggaaagtgttacggacttaacctaaaaaaatttatcc--agggtggggcttccttagtga 3540
||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 3678 gggaaagtgttcatggacttcacctaaggaatttgccttaagtgtggcatcttcagaga 3737

Human: 3541 tgtatgttagagtgtgatggtagatgagaaagaactagttgacccttcttcatgtttgt 3600
||| ||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Mouse: 3738 cgtgtgtggagttgatgatagataagaagaaaatagctgatcattttccatgtttgt 3797

Human: 3601 gatcaagtagct 3612
||||| |||||
Mouse: 3798 gatcgagtagct 3809

Figure 4

| | |
|-----------------------------|---|
| KSE132 XM_035574 | MGGCEVREFLLQGFFLPLLTAWPGDCSHVSNNQVVLDDTTVLGELGWKTYPLNGWDAI 60 |
| ----- | |
| KSE132 XM_035574 | TEMDEHNRPIHTYQVCNVMEPNQNNWLRTNWISRDAAQKIVYEMKFTLRCNSIPWVLGT 120 |
| ----- | |
| KSE132 XM_035574 | CKETFNLFYMESDESHGIKFKPNQYTKIDTIAADESFTQMDLGDRILKLNTIEREVGPIE 180 |
| ----- | |
| KSE132 XM_035574 | RKGFYLAQDYGACIALVSVRVFYKKCPFTVRNLAMFPDTIPRVDSSLVEVRGSCVKSA 240 |
| ----- | |
| KSE132 XM_035574 | EERDTPKLYCGADGDWLVPLGRCICSTGYEEIEGSCHACRPGFYKAFAGNTKCSKCPPHS 300 |
| ----- | |
| KSE132 XM_035574 | LTYMEATSVQCQCEKGYFRAEKDPPSMACTRPPSAPRNVVFNINETALILEWSPPSDTGGR 360 |
| ----- | |
| KSE132 XM_035574 | KDITYSVICKKGGLDTSQCEDCGGLRFIPRHTGLINNSIVLDFVSHVNNTFIEAMNG 420 |
| ----- | |
| KSE132 XM_035574 | VSELSFSPKPFTAIVTTDQDAPSLIGVVRKDWAQNSIALSWQAPAFSNGAILDYEIKY 480 |
| ----- | |
| KSE132 XM_035574 | YEKEHEQLTYSSTRSKAPSIIITGLKPATKVFHIRVRTATGYSQKFEFETGDETSD 540 |
| ----- | |
| MKXXXXXXXXXXXXXXXXXXXXSD 26 | |
| :: | |
| KSE132 XM_035574 | MAAEQGQILVIATAAVGGFTLLVILTLFLITGRQCQWYIKAKMKSEEKRRNHLQNGHLRF 600 |
| ***** | |
| KSE132 XM_035574 | MAAEQGQILVIATAAVGGFTLLVILTLFLITGRQCQWYIKAKMKSEEKRRNHLQNGHLRF 86 |
| ***** | |
| KSE132 XM_035574 | PGIKTYIDPDTYEDPSLAVHEFAKEIDPSRIRIERVIGAGEFGEVCSGRLKTPGKREIPV 660 |
| ***** | |
| KSE132 XM_035574 | PGIKTYIDPDTYEDPSLAVHEFAKEIDPSRIRIERVIGAGEFGEVCSGRLKTPGKREIPV 146 |
| ***** | |
| KSE132 XM_035574 | AIKTLKGHHMDRQRRDFLREASIMQFDHPNIIRLEGVVTKRSFPAIGVEAFCPSFLRAG 720 |
| ***** | |
| KSE132 XM_035574 | AIKTLKGHHMDRQRRDFLREASIMQFDHPNIIRLEGVVTKRSFPAIGVEAFCPSFLRAG 206 |
| ***** | |
| KSE132 XM_035574 | FLNSIQAPHVPVGGSLLPPRIPAGRPMIVVEYEMNGSLDSFLRKHDGHFTVIQLVGMLR 780 |
| ***** | |
| KSE132 XM_035574 | FLNSIQAPHVPVGGSLLPPRIPAGRPMIVVEYEMNGSLDSFLRKHDGHFTVIQLVGMLR 266 |
| ***** | |
| KSE132 XM_035574 | GIASGMKYLSDMGYVHRDLAARNILVNSNLVCKVSDFGLSRVLEDDPEAAYTTGGKIP 840 |
| ***** | |
| KSE132 XM_035574 | GIASGMKYLSDMGYVHRDLAARNILVNSNLVCKVSDFGLSRVLEDDPEAAYTTD---- 321 |
| ***** | |
| KSE132 XM_035574 | RWTAPEAIAYRKFSSASDAWSYGIVMWEVMSYGERPYWEMSNQDVILSIEGYRLPAPMG 900 |
| ----- | |
| KSE132 XM_035574 | LFQTLTLNLCYSA----- 334 |
| * . : . * | |
| KSE132 XM_035574 | CPASLHQMLHWCQKERNHRPKFTDIVSFLDKLIRNPSALHTLVEDILVMPESPGEVPEY 960 |
| ----- | |
| KSE132 XM_035574 | PLFVTVGDWLDSIKMGQYKNNFVAAGFTTFDLISRMSIDDIRIGVILIGHQRRIVSSIQ 1020 |
| ----- | |
| KSE132 XM_035574 | TLRLHMMHIQEKGFHV 1036 |
| ----- | |